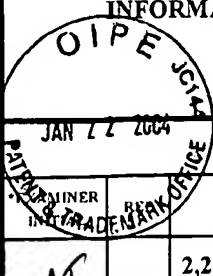


<b>INFORMATION DISCLOSURE CITATION</b> <i>(Use several sheets if necessary)</i>				Docket Number (Optional) <b>SHA-0003</b>		Application Number <b>10/650,366</b>	
				Applicant(s) <b>David N. Shaw, et al.</b>			
				Filing Date <b>8-27-2003</b>		Group Art Unit <b>3744</b>	

U.S. PATENT DOCUMENTS							
EXAMINER	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
	2,243,541	5-27-1941	R. H. Swart				
	2,352,581	6-27-1944	J. F. Winkler				
	2,646,212	7-21-1953	E. P. Kellie				
	2,663,164	12-22-1953	L. M. Kurtz				
	2,938,361	5-31-1960	R. D. McNatt				
	3,074,249	1-22-1963	R. M. Henderson				
	3,226,949	1-4-1966	E. A. Gamache				
	3,377,816	4-16-1968	Isaac Berger				
	3,500,962	3-17-1970	E. J. Kocher				
3,719,057	3-6-1973	Grant					
	3,775,995	12-4-1973	Conley, et al.				

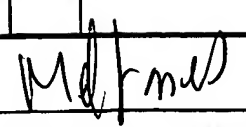
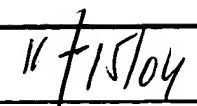
  

FOREIGN PATENT DOCUMENTS								
REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation		
						YES	NO	

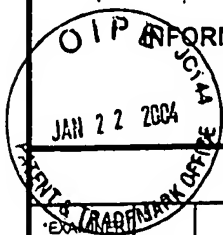
  

OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>		

EXAMINER 	DATE CONSIDERED 
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

**INFORMATION DISCLOSURE CITATION***(Use several sheets if necessary)*ATTY DOCKET NO.  
SHA-0003SERIAL NO.  
10/650,366

David N. Shaw, et al.

FILING  
8-27-2003GROUP  
3744**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
MJ	3,785,169	1-15-1974	Gylland, Jr.			
	3,852,974	12-10-1974	Brown			
	3,859,815	1-14-1975	Kasahara			
	4,197,719	4-15-1980	Shaw			
	4,205,537	6-3-1980	Dubberley			
	4,236,876	12-2-1980	Fraser, et al.			
	4,268,291	5-19-1981	Cann			
	4,306,420	12-22-1981	Cann			
	4,332,144	6-1-1982	Shaw			
	4,594,858	6-17-1986	Shaw			
MJ	4,748,820	6-7-1988	Shaw			

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

**OTHER DOCUMENTS** *(Including Author, Title, Date, Pertinent Pages, Etc.)*


EXAMINER

*MJ/fms*

DATE CONSIDERED

*11/15/04*

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<b>INFORMATION DISCLOSURE CITATION</b> <i>(Use several sheets if necessary)</i>				ATTY DOCKET NO. <b>SHA-0003</b>		SERIAL NO. <b>10/650,366</b>	
				David N. Shaw, et al.			
				FILING <b>8-27-2003</b>		GROUP <b>3744</b>	

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
m	4,753,083	6-28-1988	Sato			
	4,787,211	11-29-1988	Shaw			
	4,833,893	5-30-1989	Morita			
	4,947,655 /	8-14-1990	Shaw			
	5,062,274	11-5-1991	Shaw			
	5,094,085	3-10-1992	Irino			
	5,095,712	3-17-1992	Narreau			
	5,123,254	6-23-1992	Inoue, et al.			
	5,191,776	3-9-1993	Severance, et al.			
	5,220,806	6-22-1993	Jaster, et al.			
m	5,236,311	8-17-1993	Lindstrom			

**FOREIGN PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

EXAMINER		DATE CONSIDERED	<b>11/15/04</b>
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<b>INFORMATION DISCLOSURE CITATION</b> <i>(Use several sheets if necessary)</i>				ATTY DOCKET NO. <b>SHA-0003</b>		SERIAL NO. <b>10/650,366</b>	
				David N. Shaw, et al.			
FILING <b>8-27-2003</b>				GROUP <b>3744</b>			

U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
ms	5,303,561	4-19-1994	Bahel, et al.	1	1		
	5,410,889	5-2-1995	Sjoholm, et al.				
	5,626,027	5-6-1997	Dormer, et al.				
	5,657,637	8-19-1997	Mertens				
	5,839,886	11-24-1998	Shaw				
	5,894,739	4-20-1999	Temos				
	5,927,088	7-27-1999	Shaw				
mt	6,276,148 B1	8-21-2001	Shaw	1	1		

FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
ms	0 106 414	4-25-1984	EUROPE				
	0 715 077 A2	6-5-1996	EUROPE				
	6-213170	8-2-1994	JAPAN				
mt	WO 97/32168	9-4-1997	PCT				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	
ms	Second Edition - "APPLICATIONS OF THERMODYNAMICS"; Author: Bernard D. Wood; 1982 by Bernard D. Wood; 1991 reissued by Waveland Press, Inc.; Pgs. 218-222
mt	A Technical Handbook from SWEP; "Compact Brazed Heat Exchangers For Refrigerant Applications"; 1993; 1 page plus cover and back sheets

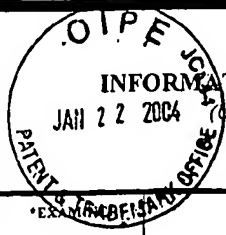
  

EXAMINER <span style="font-family: cursive; font-size: 1.2em;">mt/mes</span>	DATE CONSIDERED <span style="font-family: cursive; font-size: 1.2em;">11/15/04</span>
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## INFORMATION DISCLOSURE CITATION

JAN 22 2004

(Use several sheets if necessary)

Docket Number (Optional)

SHA-0003

Application Number

10/650,366

Applicant(s)

David N. Shaw, et al.

Filing Date

8-27-2003

Group Art Unit

3744

\*EXAMINER'S INITIALS

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

INITIAL

ms "Thermal Environmental Engineering - Second Edition"; Author: James L. Threlkeld; Prentice-Hall, Inc.; 1970, 1962; Pgs. 61-70

ms "Theory of Mechanical Refrigeration"; Author: N.R. Sparks; McGraw-Hill Book Company, Inc.; 1938; Pgs. 111-127

EXAMINER

Mel Fmd

DATE CONSIDERED

11/15/04

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